



1/21 2137

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

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Application No.: 10/563,793

35 U.S.C. 371(c) Filing Date: August 4, 2006

Title: Reprogrammable Security for  
Controlling Piracy and Enabling  
Interactive Content

Confirmation No.: 3031

Group Art Unit: 2137

Examiner: not yet known

Attorney Docket No.: 44424162-8758-002

**INFORMATION DISCLOSURE  
STATEMENT**

SONNENSCHEIN NATH & ROSENTHAL LLP  
Customer No. 26263

Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date given below.

June 19 2007  
date of signature

Edward J. Radio  
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Sir:

Pursuant to the provisions of 37 CFR § 1.56 and §1.97-§1.98, Applicants hereby submit patents, publications or other information enclosed herewith and listed on the enclosed Substitute Form 1449A-B/PTO of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose. As far as is known to the undersigned, this IDS is being filed before the mailing date of a first Office Action after the filing of this application.

A list of the patents and publications is set forth on the attached Substitute Form 1449A-B/PTO. A copy of the single non patent reference (1F) is supplied herewith. As listed references 1A to 1E are U.S. patents or publications, no copies are provided. 37 CFR § 1.98.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, submission of this IDS is not intended to constitute an admission that any patent, publication, or other information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made, or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that this Information Disclosure Statement complies with 37 CFR § 1.98 and MPEP § 609, and the Examiner is respectfully requested to consider the listed references.

The Commissioner is hereby authorized to charge our Deposit Account No. 19-3140 for any fees required in connection with the filing of this Information Disclosure Statement. **A duplicate copy of this Notice is enclosed for this purpose.** In particular, in the event that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the above-named Deposit Account for any fees required pursuant to CFR §§ 1.17(p) or 1.17(i)(1).

Respectfully submitted,

date of signature:

June 19, 2007

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J. Yang (SPDC-JUMBO) ( " )



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|---------------------------------|---|----|---|------------------------------|-------------------|
| Substitute for form 1449A-B/PTO |   |    |   | <b>Complete if Known</b>     |                   |
|                                 |   |    |   | Application Number           | 10/563,793        |
|                                 |   |    |   | 35 U.S.C. 371(c) Filing Date | August 4, 2006    |
|                                 |   |    |   | First Named Inventor         | Paul C. Kocher    |
|                                 |   |    |   | Art Unit                     | 2137              |
|                                 |   |    |   | Examiner Name                | not yet known     |
| Sheet                           | 1 | of | 1 | Attorney Docket Number       | 44424162-8758-002 |

| <b>U.S. PATENT DOCUMENTS</b> |                       |  |                                |  |   |
|------------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials*           | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear |
|                              |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                              | 1A                    | US-6,141,681 A                           | 10-31-2000                     | Kyle   |   |
|                              | 1B                    | US-6,164,853 A                           | 12-26-2000                     | Foote  |   |
|                              | 1C                    | US-6,529,950 B1                          | 03-04-2003                     | Lumelsky et al.                                    |   |
|                              | 1D                    | US-6,999,587 B1                          | 02-14-2006                     | Asano et al.                                       |   |
|                              | 1E                    | US-7,065,216 B1                          | 06-20-2006                     | Benaloh et al.                                     |   |
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|                              |                       |  |                                |  |   |
|                              |                       |  |                                |  |   |

| <b>FOREIGN PATENT DOCUMENTS</b> |                       |   |                                |  |   |
|---------------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*              | Cite No. <sup>1</sup> | Foreign Patent Number   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear |
|                                 |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |
|                                 |                       |   |                                |  |   |
|                                 |                       |   |                                |  |   |
|                                 |                       |   |                                |  |   |
|                                 |                       |   |                                |  |   |

| <b>OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS</b> |                       |   |  |                 |                |
|--|-----------------------|---|--|-----------------|----------------|
| Examiner Initials*                                   | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |                 | T <sup>2</sup> |
|  | 1F                    | FORD, Susan, "Advanced Encryption Standard (AES) Questions and Answers", 10/2/2000, pp. 1-5, obtained from <a href="http://www.nist.gov/public_affairs/releases/aesq&amp;a.htm">http://www.nist.gov/public_affairs/releases/aesq&amp;a.htm</a>                  |  |                 |                |
| Examiner Signature                                   |                       |   |  | Date Considered |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file ( and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.